PALM Intranet

Application Number [ ] SEARCH

IDS Flag Clearance for Application 10522038

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Reviewer
M844	07-19-2005	15	☑	11-15-2005 16:56:11 tbentley

UPDATE

Refine Search

Search Results -

Terms	Documents
L3 not L1	6

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L4

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Monday, December 05, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
L4	L3 not l1	6	L4
L3	(steer$ with angle$ with deviation$) and (velocity or speed) and vehicle and (driv$ with maneuver$)	10	L3
DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
L2	(steer$ with angle$ with deviation$) and (velocity or speed) and vehicle and (driv$ with maneuver$)	35	L2
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR			
L1	(steer$ with angle$ with deviation$) and (velocity or speed) and vehicle and (driv$ near2 maneuver$)	4	L1

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20020156581 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 6 File: PGPB Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156581
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020156581 A1

TITLE: Vehicle controlling apparatus and method

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsuura, Munenori	Tokyo-To		JP

US-CL-CURRENT: 701/301; 340/436, 340/903

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 2. Document ID: US 6675096 B2

L4: Entry 2 of 6 File: USPT Jan 6, 2004

US-PAT-NO: 6675096
DOCUMENT-IDENTIFIER: US 6675096 B2

TITLE: Vehicle controlling apparatus and method

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 3. Document ID: US 6122584 A

L4: Entry 3 of 6 File: USPT Sep 19, 2000

US-PAT-NO: 6122584
DOCUMENT-IDENTIFIER: US 6122584 A

TITLE: Brake system control

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 4. Document ID: US 5850616 A

L4: Entry 4 of 6 File: USPT Dec 15, 1998

US-PAT-NO: 5850616
DOCUMENT-IDENTIFIER: US 5850616 A

TITLE: Traction control system for four wheel drive vehicle and the method thereof

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 5. Document ID: US 5615117 A

L4: Entry 5 of 6 File: USPT Mar 25, 1997

US-PAT-NO: 5615117
DOCUMENT-IDENTIFIER: US 5615117 A
**** See image for Certificate of Correction ****

TITLE: Method for controlling a front and rear wheel steering system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 6. Document ID: US 5050086 A

L4: Entry 6 of 6 File: USPT Sep 17, 1991

US-PAT-NO: 5050086
DOCUMENT-IDENTIFIER: US 5050086 A
**** See image for Certificate of Correction ****

TITLE: Aircraft lateral-directional control system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
L3 not L1	6

Display Format: - Change Format

Naito, Genpei	Yokohama	JP
Tange, Satoshi	Kanagawa	JP

US-CL-CURRENT: 701/41; 701/300, 701/91

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 3. Document ID: US 6138604 A

L1: Entry 3 of 4 File: USPT Oct 31, 2000

US-PAT-NO: 6138604
DOCUMENT-IDENTIFIER: US 6138604 A
** See image for Certificate of Correction **

TITLE: Pelagic free swinging aquatic vehicle

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 4. Document ID: US 4815008 A

L1: Entry 4 of 4 File: USPT Mar 21, 1989

US-PAT-NO: 4815008
DOCUMENT-IDENTIFIER: US 4815008 A

TITLE: Orientation adjustment system and robot using same

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
(steer$ with angle$ with deviation$) and (velocity or speed) and vehicle and (driv$ near2 maneuver$)	4

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20040158377 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 4 File: PGPB Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040158377
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040158377 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Shinji	Kanagawa		JP
Naito, Genpei	Yokohama		JP
Tange, Satoshi	Kanagawa		JP

US-CL-CURRENT: 701/48; 701/70

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20040153228 A1

L1: Entry 2 of 4 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153228
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153228 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Shinji	Kanagawa		JP

L1: Entry 1 of 4 File: PGPB Aug 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040158377
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040158377 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Shinji	Kanagawa		JP
Naito, Genpei	Yokohama		JP
Tange, Satoshi	Kanagawa		JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
NISSAN MOTOR CO., LTD.				03

APPL-NO: 10/769069 [PALM]
DATE FILED: February 2, 2004

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2003-032459	2003JP-2003-032459	February 10, 2003

INT-CL: [07] G06 F 19/00

US-CL-PUBLISHED: 701/048; 701/070
US-CL-CURRENT: 701/48; 701/70

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

In a vehicle dynamics control apparatus capable of balancing a vehicle dynamics stability control system and a lane deviation prevention control system, a cooperative control section is provided to make a cooperative control between lane deviation prevention control (LDP) and vehicle dynamics stability control (VDC). When a direction of yawing motion created by LDP control is opposite to a direction of yawing motion created by VDC control, the cooperative control section puts a higher priority on VDC control rather than LDP control. Conversely when the direction of yawing motion created by LDP control is identical to the direction of yawing motion created by VDC control, a higher one of the LDP desired yaw moment and the VDC desired yaw moment is selected as a final desired yaw moment, to prevent over-control, while keeping the effects obtained by both of VDC control and

L1: Entry 2 of 4 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153228
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153228 A1

TITLE: Vehicle dynamics control apparatus

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Matsumoto, Shinji	Kanagawa		JP
Naito, Genpei	Yokohama		JP
Tange, Satoshi	Kanagawa		JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE CODE
NISSAN MOTOR CO., LTD.				03

APPL-NO: 10/735778 [PALM]
DATE FILED: December 16, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
JP	2003-024912	2003JP-2003-024912	January 31, 2003

INT-CL: [07] G06 F 17/10

US-CL-PUBLISHED: 701/041; 701/300, 701/091
US-CL-CURRENT: 701/41; 701/300, 701/91

REPRESENTATIVE-FIGURES: 2

ABSTRACT:

In a vehicle dynamics control apparatus enabling vehicle dynamics control and lane deviation prevention control, a processor of a control unit is programmed for determining a driving stability including a vehicle driveability and a vehicle stability, based on at least a steer angle, and for executing the vehicle dynamics control by producing a yaw moment corresponding to a controlled variable of the vehicle dynamics control when the driving stability is deteriorated, and for executing the lane deviation prevention control by producing a yaw moment corresponding to a controlled variable of the lane deviation prevention control when there is a possibility of lane deviation. The processor is further programmed for softening a criterion, which is used to determine the driving stability, based on the controlled variable of the lane deviation prevention control, only when the

vehicle dynamics control is inoperative.

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